

**INFORMATION DISCLOSURE
CITATION**

ATTY. DOCKET NO.
4148-24

APPLN. NO.
CON of 09/770,405

APPLICANT
HAEFLIGER et al.

(Use several sheets if necessary)

FILING DATE
September 19, 2003

GROUP
1648

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AJ	5,821,087	10/1998	Lowe et al			
	5,738,853	4/1998	Ludmerer et al			
	5,795,754	8/1998	Ludmerer et al			
	5,756,284	5/1998	Lowy et al			
	5,744,142	4/1998	Lowy et al			
	5,716,620	2/1998	Lowy et al			
	5,709,996	1/1998	Lowy et al			
	5,618,536	4/1998	Lowy et al			
	5,411,857	5/1995	Beaudenon et al			
	5,665,571	9/1997	Beaudenon et al			
	5,712,092	1/1998	Orth et al			
	5,665,533	9/1997	Hopfl et al			
✓	5,447,839	9/1995	Manos et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AJ	WO 98/42847	10/1998	WIPO		
	WO 98/28003	7/1998	WIPO		
	WO 98/19790	5/1998	WIPO		
	WO 97/46693	12/1997	WIPO		
	WO 96/11274	4/1996	WIPO		
	WO 96/30520	10/1996	WIPO		
	WO 96/29413	9/1996	WIPO		
	WO 96/15247	5/1996	WIPO		
	WO 96/09375	3/1996	WIPO		
	WO 96/11272	4/1996	WIPO		
	WO 96/11273	4/1996	WIPO		
	WO 96/26277	8/1996	WIPO		
	WO 95/31532	11/1995	WIPO		
	WO 95/31476	11/1995	WIPO		
	WO 95/20659	8/1995	WIPO		
	WO 95/01374	1/1995	WIPO		
	WO 94/20621	9/1994	WIPO		
	WO 94/23037	10/1994	WIPO		
	WO 94/05792	3/1994	WIPO		
	WO 94/00152	1/1994	WIPO		
	WO 94/03615	2/1994	WIPO		
✓	WO 93/00436	1/1993	WIPO		

*Examiner

Date Considered

7/6/04

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO. 4148-24 APPLICANT HAEFLIGER et al. FILING DATE September 19, 2003	APPLN. NO. CON of 09/770,405 GROUP 1648
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A)	WO 93/02184	2/1993	WIPO				
	WO 90/10867	9/1990	WIPO				
	WO 90/04790	5/1990	WIPO				
	WO 92/11369	7/1992	WIPO				
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	WO 87/01375	3/1987	WIPO				
	WO 83/03623	10/1983	WIPO				
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)	
A)	Banks et al. "Expression of human papillomavirus type 6 and type 16 . . ." J. Gen. Virol. 68:3081-3089 (1987)
	Cason et al. "Towards vaccines against human papillomavirus type-16 . . ." Vaccine 11:603-611 (1993)
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	Hopkins et al. "A recombinant Salmonella typhimurium vaccine . . ." Infect. Immun. 63:3279-3286 (1995)
	Hormaeche et al. in <i>Salmonella Vaccines: Mechanisms of Immunity and Their Use as Carriers of Recombinant Antigens</i> John Wiley & Sons Ltd., Chichester, UK; pages 119-153 (1995); XP002054901 see pp. 129-140
	Kirnbauer et al. "Papillomavirus L1 major capsid . . ." Proc. Natl. Acad. Sci. USA 89:12180-12184 (1992)
	Kirnbauer et al. "Efficient self-assembly of human papillomavirus type 16 . . ." J. Virol. 67:6929-6936 (1993)
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	Londono et al. "Immunisation of mice using Salmonella typhimurium . . ." Vaccine 14:545-552 (1996)
	Nardelli-Haefliger et al. "Human papillomavirus type 16 virus-like particles expressed in attenuated Salmonella typhimurium elicit mucosal and systemic neutralizing antibodies in mice" Infect. Immun. 65:3328-3336 (1997); XP002054900 see the whole document.
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	Zhou et al. "Increased antibody responses to human papillomavirus . . ." J. Gen. Virol. 71:2185-2190 (1990)
↓	Abstract, 16 th International Papillomavirus Conference" Siena, September 5-12 (1997)

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